

Thursday, May 10, 2012

Attn: Mr. Darrick Jones Leggette, Brashears & Graham 6 Executive Drive Farmington CT 06030

Project ID: SATIN

Sample ID#s: BB79805 - BB79830

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory. All soils and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

Phyllis Shiller

Laboratory Director

NELAC - #NY11301 CT Lab Registration #PH-0618 MA Lab Registration #MA-CT-007 ME Lab Registration #CT-007

NH Lab Registration #213693-A,B

NJ Lab Registration #CT-003 NY Lab Registration #11301 PA Lab Registration #68-03530 RI Lab Registration #63 VT Lab Registration #VT11301



587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 10, 2012

FOR: Attn: Mr. Darrick Jones

Leggette, Brashears & Graham

6 Executive Drive Farmington CT 06030

Sample Information

Matrix: SOLID Location Code: LBG-PCB

Standard

Rush Request:

P.O.#:

Custody Information

Laboratory Data

Collected by: Received by:

Analyzed by:

SW

300

see "By" below

SDG ID: GBB79805

Date

05/02/12

05/02/12

Phoenix ID: BB79805

Time

10:20

14:55

Project ID: SATIN

Client ID: N-53 (6-7)

Parameter	Result	RL	Units	Date	Time	Ву	Reference
Percent Solid	62 Completed		%	05/02/12 05/02/12		JL */*	E160.3
Soxhlet Extraction for PCB	Completed			03/02/12		/	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	0.53	mg/Kg	05/07/12		MH	3540C/8082
PCB-1221	ND	0.53	mg/Kg	05/07/12		MH	3540C/8082
PCB-1232	ND	0.53	mg/Kg	05/07/12		MH	3540C/8082
PCB-1242	ND	0.53	mg/Kg	05/07/12		MH	3540C/8082
PCB-1248	ND	0.53	mg/Kg	05/07/12		MH	3540C/8082
PCB-1254	ND	0.53	mg/Kg	05/07/12		MH	3540C/8082
PCB-1260	ND	0.53	mg/Kg	05/07/12		MH	3540C/8082
PCB-1262	ND	0.53	mg/Kg	05/07/12		MH	3540C/8082
PCB-1268	ND	0.53	mg/Kg	05/07/12		MH	3540C/8082
QA/QC Surrogates							
% DCBP	99		%	05/07/12		MH	30 - 150 %
% TCMX	102		%	05/07/12		MH	30 - 150 %

Page 1 of 52 Ver 1

Client ID: N-53 (6-7)

Parameter Result RL Units Date Time By Reference

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200. ND=Not detected BDL=Below Detection Level RL=Reporting Level

This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis/Shiller, Laboratory Director

May 10, 2012

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Page 2 of 52 Ver 1



587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 10, 2012

FOR: Attn: Mr. Darrick Jones

Leggette, Brashears & Graham

6 Executive Drive Farmington CT 06030

Sample Information

Matrix: **SOLID Location Code:** LBG-PCB

Rush Request: Standard

P.O.#:

Custody Information

Collected by: Received by:

SW

05/02/12

10:22

Time

05/02/12 14:55

Analyzed by: see "By" below **Laboratory Data**

SDG ID: GBB79805

Date

Phoenix ID: BB79806

SATIN Project ID:

Client ID: N-53 (7-8)

Parameter	Result	RL	Units	Date	Time	Ву	Reference
Percent Solid Soxhlet Extraction for PCB	59 Completed		%	05/02/12 05/02/12		JL */*	E160.3 SW3540C
PCB (Soxhlet)						·	
PCB-1016	ND	0.56	mg/Kg	05/07/12		МН	3540C/8082
PCB-1221	ND	0.56	mg/Kg	05/07/12		MH	3540C/8082
PCB-1232	ND	0.56	mg/Kg	05/07/12		MH	3540C/8082
PCB-1242	ND	0.56	mg/Kg	05/07/12		MH	3540C/8082
PCB-1248	ND	0.56	mg/Kg	05/07/12		MH	3540C/8082
PCB-1254	ND	0.56	mg/Kg	05/07/12		MH	3540C/8082
PCB-1260	ND	0.56	mg/Kg	05/07/12		MH	3540C/8082
PCB-1262	ND	0.56	mg/Kg	05/07/12		MH	3540C/8082
PCB-1268	ND	0.56	mg/Kg	05/07/12		MH	3540C/8082
QA/QC Surrogates							
% DCBP	86		%	05/07/12		MH	30 - 150 %
% TCMX	92		%	05/07/12		MH	30 - 150 %

Page 3 of 52 Ver 1

Client ID: N-53 (7-8)

Parameter Result RL Units Date Time By Reference

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200. ND=Not detected BDL=Below Detection Level RL=Reporting Level

This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis/Shiller, Laboratory Director

May 10, 2012

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Page 4 of 52 Ver 1



587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 10, 2012

FOR: Attn: Mr. Darrick Jones

Leggette, Brashears & Graham

6 Executive Drive Farmington CT 06030

Sample Information

Matrix: **SOLID Location Code:** LBG-PCB Rush Request: Standard

P.O.#:

Custody Information

Collected by: Received by:

Analyzed by:

SW see "By" below

05/02/12 9:54 14:55

Time

05/02/12

Date

Laboratory Data

SDG ID: GBB79805 Phoenix ID: BB79807

SATIN Project ID:

N-31 (0.3-1) Client ID:

Parameter	Result	RL	Units	Date	Time	Ву	Reference
Percent Solid	91		%	05/02/12		JL	E160.3
Soxhlet Extraction for PCB	Completed			05/02/12		*/*	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	0.36	mg/Kg	05/07/12		MH	3540C/8082
PCB-1221	ND	0.36	mg/Kg	05/07/12		MH	3540C/8082
PCB-1232	ND	0.36	mg/Kg	05/07/12		MH	3540C/8082
PCB-1242	ND	0.36	mg/Kg	05/07/12		MH	3540C/8082
PCB-1248	ND	0.36	mg/Kg	05/07/12		MH	3540C/8082
PCB-1254	ND	0.36	mg/Kg	05/07/12		MH	3540C/8082
PCB-1260	0.63	0.36	mg/Kg	05/07/12		MH	3540C/8082
PCB-1262	ND	0.36	mg/Kg	05/07/12		MH	3540C/8082
PCB-1268	ND	0.36	mg/Kg	05/07/12		MH	3540C/8082
QA/QC Surrogates							
% DCBP	42		%	05/07/12		MH	30 - 150 %
% TCMX	47		%	05/07/12		MH	30 - 150 %

Page 5 of 52 Ver 1

Client ID: N-31 (0.3-1)

Parameter Result RL Units Date Time By Reference

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200. ND=Not detected BDL=Below Detection Level RL=Reporting Level

This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis Shiller, Laboratory Director

May 10, 2012

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Page 6 of 52 Ver 1



587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 10, 2012

FOR: Attn: Mr. Darrick Jones

see "By" below

Leggette, Brashears & Graham

6 Executive Drive Farmington CT 06030

Sample Information

Matrix: SOLID
Location Code: LBG-PCB
Rush Request: Standard

P.O.#:

<u>Custody Information</u>

Collected by: Received by:

Analyzed by:

SW

05/02/12 05/02/12

Date

9:56

Time

05/02/12 14:55

Laboratory Data

SDG ID: GBB79805

Phoenix ID: BB79808

Project ID: SATIN

Client ID: N-31 (1-2)

Parameter	Result	RL	Units	Date	Time	Ву	Reference
Percent Solid	97 Completed		%	05/02/12 05/02/12		JL */*	E160.3
Soxhlet Extraction for PCB	Completed			05/02/12		/	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	0.34	mg/Kg	05/04/12		МН	3540C/8082
PCB-1221	ND	0.34	mg/Kg	05/04/12		MH	3540C/8082
PCB-1232	ND	0.34	mg/Kg	05/04/12		MH	3540C/8082
PCB-1242	ND	0.34	mg/Kg	05/04/12		MH	3540C/8082
PCB-1248	ND	0.34	mg/Kg	05/04/12		MH	3540C/8082
PCB-1254	ND	0.34	mg/Kg	05/04/12		MH	3540C/8082
PCB-1260	ND	0.34	mg/Kg	05/04/12		MH	3540C/8082
PCB-1262	ND	0.34	mg/Kg	05/04/12		MH	3540C/8082
PCB-1268	ND	0.34	mg/Kg	05/04/12		MH	3540C/8082
QA/QC Surrogates							
% DCBP	69		%	05/04/12		MH	30 - 150 %
% TCMX	72		%	05/04/12		MH	30 - 150 %

Page 7 of 52 Ver 1

Client ID: N-31 (1-2)

Parameter Result RL Units Date Time By Reference

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200. ND=Not detected BDL=Below Detection Level RL=Reporting Level

This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis/Shiller, Laboratory Director

May 10, 2012

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Page 8 of 52 Ver 1



587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 10, 2012

FOR: Attn: Mr. Darrick Jones

Leggette, Brashears & Graham

6 Executive Drive Farmington CT 06030

Sample Information

Matrix: **SOLID Location Code:** LBG-PCB Rush Request: Standard

P.O.#:

Custody Information

Collected by:

Received by: SW

Analyzed by:

Date 05/02/12

9:58

05/02/12

14:55

Time

see "By" below

Laboratory Data

SDG ID: GBB79805 Phoenix ID: BB79809

SATIN Project ID:

Client ID: N-31 (2-3)

Parameter	Result	RL	Units	Date	Time	Ву	Reference
Percent Solid	91		%	05/02/12		JL	E160.3
Soxhlet Extraction for PCB	Completed			05/02/12		*/*	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	0.72	mg/Kg	05/04/12		МН	3540C/8082
PCB-1221	ND	0.72	mg/Kg	05/04/12		MH	3540C/8082
PCB-1232	ND	0.72	mg/Kg	05/04/12		MH	3540C/8082
PCB-1242	ND	0.72	mg/Kg	05/04/12		MH	3540C/8082
PCB-1248	ND	0.72	mg/Kg	05/04/12		MH	3540C/8082
PCB-1254	ND	0.72	mg/Kg	05/04/12		MH	3540C/8082
PCB-1260	ND	0.72	mg/Kg	05/04/12		MH	3540C/8082
PCB-1262	ND	0.72	mg/Kg	05/04/12		MH	3540C/8082
PCB-1268	ND	0.72	mg/Kg	05/04/12		MH	3540C/8082
QA/QC Surrogates							
% DCBP	70		%	05/04/12		MH	30 - 150 %
% TCMX	59		%	05/04/12		MH	30 - 150 %

Page 9 of 52 Ver 1

Client ID: N-31 (2-3)

Parameter Result RL Units Date Time By Reference

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200. ND=Not detected BDL=Below Detection Level RL=Reporting Level

This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis/Shiller, Laboratory Director

May 10, 2012

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Page 10 of 52 Ver 1



587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 10, 2012

FOR: Attn: Mr. Darrick Jones

Leggette, Brashears & Graham

6 Executive Drive Farmington CT 06030

Sample Information

Matrix: SOLID Location Code: LBG-PCB Rush Request: Standard

P.O.#:

<u>Custody Information</u>

Collected by:

Received by: SV

Analyzed by:

SW

05/02/12 05/02/12

Date

10:00 14:55

Time

see "By" below

Laboratory Data

SDG ID: GBB79805

Phoenix ID: BB79810

Project ID: SATIN

Client ID: N-31 (5-6)

Parameter	Result	RL	Units	Date	Time	Ву	Reference
Percent Solid	90		%	05/02/12		JL	E160.3
Soxhlet Extraction for PCB	Completed			05/02/12		*/*	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	0.36	mg/Kg	05/04/12		MH	3540C/8082
PCB-1221	ND	0.36	mg/Kg	05/04/12		MH	3540C/8082
PCB-1232	ND	0.36	mg/Kg	05/04/12		MH	3540C/8082
PCB-1242	ND	0.36	mg/Kg	05/04/12		MH	3540C/8082
PCB-1248	ND	0.36	mg/Kg	05/04/12		MH	3540C/8082
PCB-1254	ND	0.36	mg/Kg	05/04/12		МН	3540C/8082
PCB-1260	ND	0.36	mg/Kg	05/04/12		МН	3540C/8082
PCB-1262	ND	0.36	mg/Kg	05/04/12		МН	3540C/8082
PCB-1268	ND	0.36	mg/Kg	05/04/12		МН	3540C/8082
QA/QC Surrogates							
% DCBP	84		%	05/04/12		MH	30 - 150 %
% TCMX	84		%	05/04/12		МН	30 - 150 %

Page 11 of 52 Ver 1

Client ID: N-31 (5-6)

Parameter Result RL Units Date Time By Reference

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200. ND=Not detected BDL=Below Detection Level RL=Reporting Level

This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis/Shiller, Laboratory Director

May 10, 2012

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Page 12 of 52 Ver 1



587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 10, 2012

FOR: Attn: Mr. Darrick Jones

Leggette, Brashears & Graham

6 Executive Drive Farmington CT 06030

Sample Information

Matrix: **SOLID Location Code:** LBG-PCB Standard

Rush Request:

P.O.#:

Custody Information

Collected by:

Received by:

SW

05/02/12 10:02 14:55

Time

05/02/12

Date

Analyzed by: see "By" below

Laboratory Data

SDG ID: GBB79805

Phoenix ID: BB79811

SATIN Project ID:

N-31 (6-7) Client ID:

Parameter	Result	RL	Units	Date	Time	Ву	Reference
Percent Solid	54		%	05/02/12		JL	E160.3
Soxhlet Extraction for PCB	Completed			05/02/12		*/*	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	0.6	mg/Kg	05/04/12		MH	3540C/8082
PCB-1221	ND	0.6	mg/Kg	05/04/12		MH	3540C/8082
PCB-1232	ND	0.6	mg/Kg	05/04/12		MH	3540C/8082
PCB-1242	ND	0.6	mg/Kg	05/04/12		MH	3540C/8082
PCB-1248	ND	0.6	mg/Kg	05/04/12		MH	3540C/8082
PCB-1254	ND	0.6	mg/Kg	05/04/12		MH	3540C/8082
PCB-1260	ND	0.6	mg/Kg	05/04/12		MH	3540C/8082
PCB-1262	ND	0.6	mg/Kg	05/04/12		MH	3540C/8082
PCB-1268	ND	0.6	mg/Kg	05/04/12		MH	3540C/8082
QA/QC Surrogates							
% DCBP	84		%	05/04/12		MH	30 - 150 %
% TCMX	81		%	05/04/12		MH	30 - 150 %

Page 13 of 52 Ver 1

Client ID: N-31 (6-7)

Parameter Result RL Units Date Time By Reference

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200. ND=Not detected BDL=Below Detection Level RL=Reporting Level

This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis/Shiller, Laboratory Director

May 10, 2012

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Page 14 of 52 Ver 1



587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 10, 2012

FOR: Attn: Mr. Darrick Jones

Leggette, Brashears & Graham

6 Executive Drive Farmington CT 06030

see "By" below

Sample Information

Matrix: SOLID
Location Code: LBG-PCB
Rush Request: Standard

P.O.#:

Custody Information

Collected by:
Received by: SW

Analyzed by:

05/02/12

Date

2 10:04 2 14:55

Time

05/02/12

Laboratory Data

SDG ID: GBB79805

Phoenix ID: BB79812

Project ID: SATIN

Client ID: N-31 (7-8)

Parameter	Result	RL	Units	Date	Time	Ву	Reference
Percent Solid Soxhlet Extraction for PCB	86 Completed		%	05/02/12 05/02/12		JL */*	E160.3 SW3540C
PCB (Soxhlet)							
PCB-1016	ND	0.38	mg/Kg	05/04/12		МН	3540C/8082
PCB-1221	ND	0.38	mg/Kg	05/04/12		MH	3540C/8082
PCB-1232	ND	0.38	mg/Kg	05/04/12		MH	3540C/8082
PCB-1242	ND	0.38	mg/Kg	05/04/12		MH	3540C/8082
PCB-1248	ND	0.38	mg/Kg	05/04/12		MH	3540C/8082
PCB-1254	ND	0.38	mg/Kg	05/04/12		MH	3540C/8082
PCB-1260	ND	0.38	mg/Kg	05/04/12		MH	3540C/8082
PCB-1262	ND	0.38	mg/Kg	05/04/12		MH	3540C/8082
PCB-1268	ND	0.38	mg/Kg	05/04/12		MH	3540C/8082
QA/QC Surrogates							
% DCBP	86		%	05/04/12		MH	30 - 150 %
% TCMX	95		%	05/04/12		MH	30 - 150 %

Page 15 of 52 Ver 1

Client ID: N-31 (7-8)

Parameter Result RL Units Date Time By Reference

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200. ND=Not detected BDL=Below Detection Level RL=Reporting Level

This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis/Shiller, Laboratory Director

May 10, 2012

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Page 16 of 52 Ver 1



587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 10, 2012

FOR: Attn: Mr. Darrick Jones

Leggette, Brashears & Graham

6 Executive Drive Farmington CT 06030

Sample Information

Matrix: SOLID Location Code: LBG-PCB Rush Request: Standard

P.O.#:

<u>Custody Information</u>

Collected by:
Received by: SW

Laboratory Data

Analyzed by:

5VV

see "By" below

SDG ID: GBB79805

Time

9:28

14:55

Date

05/02/12

05/02/12

Phoenix ID: BB79813

Project ID: SATIN

Client ID: N-32 (0.3-1)

Parameter	Result	RL	Units	Date	Time	Ву	Reference
Percent Solid	93		%	05/02/12		JL	E160.3
Soxhlet Extraction for PCB	Completed			05/02/12		*/*	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	0.36	mg/Kg	05/04/12		МН	3540C/8082
PCB-1221	ND	0.36	mg/Kg	05/04/12		MH	3540C/8082
PCB-1232	ND	0.36	mg/Kg	05/04/12		MH	3540C/8082
PCB-1242	ND	0.36	mg/Kg	05/04/12		MH	3540C/8082
PCB-1248	ND	0.36	mg/Kg	05/04/12		MH	3540C/8082
PCB-1254	ND	0.36	mg/Kg	05/04/12		MH	3540C/8082
PCB-1260	3.2	0.36	mg/Kg	05/04/12		MH	3540C/8082
PCB-1262	ND	0.36	mg/Kg	05/04/12		MH	3540C/8082
PCB-1268	ND	0.36	mg/Kg	05/04/12		MH	3540C/8082
QA/QC Surrogates							
% DCBP	53		%	05/04/12		MH	30 - 150 %
% TCMX	54		%	05/04/12		МН	30 - 150 %

Page 17 of 52 Ver 1

Client ID: N-32 (0.3-1)

Parameter Result RL Units Date Time By Reference

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200. ND=Not detected BDL=Below Detection Level RL=Reporting Level

This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis/Shiller, Laboratory Director

May 10, 2012

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Page 18 of 52 Ver 1



587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045 Tel. (860) 645-1102 Fax (860) 645-0823

Custody Information

Analysis Report

May 10, 2012

FOR: Attn: Mr. Darrick Jones

see "By" below

SW

Leggette, Brashears & Graham

6 Executive Drive Farmington CT 06030

Sample Information

Matrix: SOLID Location Code: LBG-PCB

Rush Request: P.O.#:

Standard

Laboratory Data

Collected by:

Received by:

Analyzed by:

SDG ID: GBB79805

Time

9:30

14:55

Phoenix ID: BB79814

Date

05/02/12

05/02/12

Project ID: SATIN

Client ID: N-32 (1-2)

Parameter	Result	RL	Units	Date	Time	Ву	Reference
Percent Solid	93		%	05/02/12		JL	E160.3
Soxhlet Extraction for PCB	Completed			05/02/12		*/*	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	0.35	mg/Kg	05/04/12		MH	3540C/8082
PCB-1221	ND	0.35	mg/Kg	05/04/12		MH	3540C/8082
PCB-1232	ND	0.35	mg/Kg	05/04/12		MH	3540C/8082
PCB-1242	ND	0.35	mg/Kg	05/04/12		MH	3540C/8082
PCB-1248	ND	0.35	mg/Kg	05/04/12		MH	3540C/8082
PCB-1254	ND	0.35	mg/Kg	05/04/12		MH	3540C/8082
PCB-1260	ND	0.35	mg/Kg	05/04/12		MH	3540C/8082
PCB-1262	ND	0.35	mg/Kg	05/04/12		MH	3540C/8082
PCB-1268	ND	0.35	mg/Kg	05/04/12		MH	3540C/8082
QA/QC Surrogates							
% DCBP	68		%	05/04/12		MH	30 - 150 %
% TCMX	75		%	05/04/12		MH	30 - 150 %

Page 19 of 52 Ver 1

Client ID: N-32 (1-2)

Parameter Result RL Units Date Time By Reference

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200. ND=Not detected BDL=Below Detection Level RL=Reporting Level

This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis/Shiller, Laboratory Director

May 10, 2012

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Page 20 of 52 Ver 1



587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 10, 2012

FOR: Attn: Mr. Darrick Jones

Leggette, Brashears & Graham

6 Executive Drive Farmington CT 06030

Sample Information

Matrix: **SOLID Location Code:** LBG-PCB Rush Request: Standard

P.O.#:

Custody Information

Collected by: Received by:

Analyzed by:

SW

see "By" below

05/02/12 05/02/12 9:32

Date

14:55

Time

Laboratory Data

SDG ID: GBB79805 Phoenix ID: BB79815

SATIN Project ID:

Client ID: N-32 (2-3)

Parameter	Result	RL	Units	Date	Time	Ву	Reference
Percent Solid	94		%	05/02/12		JL	E160.3
Soxhlet Extraction for PCB	Completed			05/02/12		*/*	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	0.34	mg/Kg	05/04/12		МН	3540C/8082
PCB-1221	ND	0.34	mg/Kg	05/04/12		MH	3540C/8082
PCB-1232	ND	0.34	mg/Kg	05/04/12		MH	3540C/8082
PCB-1242	ND	0.34	mg/Kg	05/04/12		MH	3540C/8082
PCB-1248	ND	0.34	mg/Kg	05/04/12		MH	3540C/8082
PCB-1254	ND	0.34	mg/Kg	05/04/12		MH	3540C/8082
PCB-1260	ND	0.34	mg/Kg	05/04/12		MH	3540C/8082
PCB-1262	ND	0.34	mg/Kg	05/04/12		MH	3540C/8082
PCB-1268	ND	0.34	mg/Kg	05/04/12		MH	3540C/8082
QA/QC Surrogates							
% DCBP	83		%	05/04/12		MH	30 - 150 %
% TCMX	96		%	05/04/12		МН	30 - 150 %

Page 21 of 52 Ver 1

Client ID: N-32 (2-3)

Parameter Result RL Units Date Time By Reference

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200. ND=Not detected BDL=Below Detection Level RL=Reporting Level

This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis/Shiller, Laboratory Director

May 10, 2012

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Page 22 of 52 Ver 1



587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 10, 2012

FOR: Attn: Mr. Darrick Jones

Leggette, Brashears & Graham

6 Executive Drive Farmington CT 06030

Sample Information

Matrix: SOLID Location Code: LBG-PCB Rush Request: Standard

P.O.#:

<u>Custody Information</u>

Collected by:
Received by: SW

Received by: SW

Analyzed by: see "By" below

Laboratory Data

SDG ID: GBB79805

Time

9:34

14:55

Phoenix ID: BB79816

Date

05/02/12

05/02/12

Project ID: SATIN

Client ID: N-32 (3-3.5)

Parameter	Result	RL	Units	Date	Time	Ву	Reference
Percent Solid Soxhlet Extraction for PCB	88 Completed		%	05/02/12 05/02/12		JL */*	E160.3 SW3540C
PCB (Soxhlet)							
PCB-1016	ND	0.37	mg/Kg	05/04/12		МН	3540C/8082
PCB-1221	ND	0.37	mg/Kg	05/04/12		MH	3540C/8082
PCB-1232	ND	0.37	mg/Kg	05/04/12		MH	3540C/8082
PCB-1242	ND	0.37	mg/Kg	05/04/12		MH	3540C/8082
PCB-1248	ND	0.37	mg/Kg	05/04/12		MH	3540C/8082
PCB-1254	*	0.37	mg/Kg	05/04/12		MH	3540C/8082
PCB-1260	*	0.37	mg/Kg	05/04/12		MH	3540C/8082
PCB-1262	ND	0.37	mg/Kg	05/04/12		MH	3540C/8082
PCB-1268	ND	0.37	mg/Kg	05/04/12		MH	3540C/8082
Total PCBs	0.59	0.37	mg/Kg	05/04/12		MH	3540C/8082
QA/QC Surrogates							
% DCBP	134		%	05/04/12		MH	30 - 150 %
% TCMX	112		%	05/04/12		MH	30 - 150 %

Page 23 of 52 Ver 1

Client ID: N-32 (3-3.5)

Parameter Result RL Units Date Time By Reference

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis/Shiller, Laboratory Director

May 10, 2012

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Page 24 of 52 Ver 1

^{*} For PCBs, as per section 11.9.3, when multiple Aroclor's of PCBs are present and the aroclor is no longer recognizable, quantitation may be performed by comparing the total area of the PCB pattern to that of the aroclor it mostly resembles. The PCB pattern did not resemble any of the standards, but most closely resembles a mixture of the Aroclors 1254 and 1260.



587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 10, 2012

FOR: Attn: Mr. Darrick Jones

Leggette, Brashears & Graham

6 Executive Drive Farmington CT 06030

Sample Information

Matrix: SOLID Location Code: LBG-PCB

Rush Request: Standard

P.O.#:

<u>Custody Information</u> <u>Date</u> Collected by: 05/02/12

Received by: SW

Analyzed by: see "By" below

Laboratory Data

SDG ID: GBB79805

Time

9:36

14:55

Phoenix ID: BB79817

05/02/12

Project ID: SATIN

Client ID: N-32 (5-6)

Parameter	Result	RL	Units	Date	Time	Ву	Reference
Percent Solid Soxhlet Extraction for PCB	18 Completed		%	05/02/12 05/02/12		JL */*	E160.3 SW3540C
PCB (Soxhlet)							
PCB-1016	ND	0.92	mg/Kg	05/04/12		МН	3540C/8082
PCB-1221	ND	0.92	mg/Kg	05/04/12		MH	3540C/8082
PCB-1232	ND	0.92	mg/Kg	05/04/12		MH	3540C/8082
PCB-1242	ND	0.92	mg/Kg	05/04/12		MH	3540C/8082
PCB-1248	ND	0.92	mg/Kg	05/04/12		MH	3540C/8082
PCB-1254	ND	0.92	mg/Kg	05/04/12		MH	3540C/8082
PCB-1260	ND	0.92	mg/Kg	05/04/12		MH	3540C/8082
PCB-1262	ND	0.92	mg/Kg	05/04/12		MH	3540C/8082
PCB-1268	ND	0.92	mg/Kg	05/04/12		MH	3540C/8082
QA/QC Surrogates							
% DCBP	74		%	05/04/12		MH	30 - 150 %
% TCMX	88		%	05/04/12		MH	30 - 150 %

Page 25 of 52 Ver 1

Client ID: N-32 (5-6)

Parameter Result RL Units Date Time By Reference

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200. ND=Not detected BDL=Below Detection Level RL=Reporting Level

This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis/Shiller, Laboratory Director

May 10, 2012

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Page 26 of 52 Ver 1



587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 10, 2012

FOR: Attn: Mr. Darrick Jones

Leggette, Brashears & Graham

6 Executive Drive Farmington CT 06030

Sample Information

Matrix: **SOLID Location Code:** LBG-PCB

Rush Request: Standard

P.O.#:

Custody Information

Received by:

05/02/12 Collected by: SW

Analyzed by: see "By" below

Laboratory Data

SDG ID: GBB79805

Time

9:38

14:55

Phoenix ID: BB79818

Date

05/02/12

SATIN Project ID:

N-32 (6-7) Client ID:

Parameter	Result	RL	Units	Date	Time	Ву	Reference
Percent Solid Soxhlet Extraction for PCB	34 Completed		%	05/02/12 05/02/12		JL */*	E160.3 SW3540C
PCB (Soxhlet)							
PCB-1016	ND	0.97	mg/Kg	05/04/12		МН	3540C/8082
PCB-1221	ND	0.97	mg/Kg	05/04/12		MH	3540C/8082
PCB-1232	ND	0.97	mg/Kg	05/04/12		MH	3540C/8082
PCB-1242	ND	0.97	mg/Kg	05/04/12		MH	3540C/8082
PCB-1248	ND	0.97	mg/Kg	05/04/12		MH	3540C/8082
PCB-1254	ND	0.97	mg/Kg	05/04/12		MH	3540C/8082
PCB-1260	ND	0.97	mg/Kg	05/04/12		MH	3540C/8082
PCB-1262	ND	0.97	mg/Kg	05/04/12		MH	3540C/8082
PCB-1268	ND	0.97	mg/Kg	05/04/12		MH	3540C/8082
QA/QC Surrogates							
% DCBP	37		%	05/04/12		MH	30 - 150 %
% TCMX	46		%	05/04/12		MH	30 - 150 %

Page 27 of 52 Ver 1

Client ID: N-32 (6-7)

Parameter Result RL Units Date Time By Reference

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200. ND=Not detected BDL=Below Detection Level RL=Reporting Level

This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis/Shiller, Laboratory Director

May 10, 2012

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Page 28 of 52 Ver 1



587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 10, 2012

FOR: Attn: Mr. Darrick Jones

Leggette, Brashears & Graham

6 Executive Drive Farmington CT 06030

Sample Information

Matrix: **SOLID Location Code:** LBG-PCB Rush Request: Standard

P.O.#:

Custody Information

Laboratory Data

Collected by: Received by:

Analyzed by:

SW

see "By" below

05/02/12

Date

05/02/12

11:22 14:55

Time

SDG ID: GBB79805 Phoenix ID: BB79819

SATIN Project ID:

N-48 (0.3-1) Client ID:

Parameter	Result	RL	Units	Date	Time	Ву	Reference
Percent Solid Soxhlet Extraction for PCB	91 Completed		%	05/02/12 05/02/12		JL */*	E160.3 SW3540C
PCB (Soxhlet)						•	0.100.00
PCB-1016	ND	18	mg/Kg	05/07/12		МН	3540C/8082
PCB-1221	ND	18	mg/Kg	05/07/12		МН	3540C/8082
PCB-1232	ND	18	mg/Kg	05/07/12		MH	3540C/8082
PCB-1242	ND	18	mg/Kg	05/07/12		MH	3540C/8082
PCB-1248	ND	18	mg/Kg	05/07/12		MH	3540C/8082
PCB-1254	100	18	mg/Kg	05/07/12		MH	3540C/8082
PCB-1260	ND	18	mg/Kg	05/07/12		MH	3540C/8082
PCB-1262	ND	18	mg/Kg	05/07/12		MH	3540C/8082
PCB-1268	ND	18	mg/Kg	05/07/12		MH	3540C/8082
QA/QC Surrogates							
% DCBP	Diluted Out		%	05/07/12		MH	30 - 150 %
% TCMX	Diluted Out		%	05/07/12		MH	30 - 150 %

Page 29 of 52 Ver 1

Client ID: N-48 (0.3-1)

Parameter Result RL Units Date Time By Reference

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200. ND=Not detected BDL=Below Detection Level RL=Reporting Level

This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis/Shiller, Laboratory Director

May 10, 2012

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Page 30 of 52 Ver 1



587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 10, 2012

FOR: Attn: Mr. Darrick Jones

see "By" below

SW

Leggette, Brashears & Graham

6 Executive Drive Farmington CT 06030

Sample Information

Matrix: SOLID Location Code: LBG-PCB Rush Request: Standard

Rush Request: P.O.#:

Laboratory Data

Custody Information

Collected by:

Received by:

Analyzed by:

SDG ID: GBB79805

Time

11:24

14:55

Phoenix ID: BB79820

Date

05/02/12

05/02/12

Project ID: SATIN

Client ID: N-48 (1-2)

Parameter	Result	RL	Units	Date	Time	Ву	Reference
Percent Solid Soxhlet Extraction for PCB	91 Completed		%	05/02/12 05/02/12		JL */*	E160.3 SW3540C
PCB (Soxhlet)							
PCB-1016	ND	0.36	mg/Kg	05/04/12		MH	3540C/8082
PCB-1221	ND	0.36	mg/Kg	05/04/12		MH	3540C/8082
PCB-1232	ND	0.36	mg/Kg	05/04/12		MH	3540C/8082
PCB-1242	ND	0.36	mg/Kg	05/04/12		MH	3540C/8082
PCB-1248	ND	0.36	mg/Kg	05/04/12		MH	3540C/8082
PCB-1254	ND	0.36	mg/Kg	05/04/12		MH	3540C/8082
PCB-1260	0.71	0.36	mg/Kg	05/04/12		MH	3540C/8082
PCB-1262	ND	0.36	mg/Kg	05/04/12		MH	3540C/8082
PCB-1268	ND	0.36	mg/Kg	05/04/12		MH	3540C/8082
QA/QC Surrogates							
% DCBP	52		%	05/04/12		MH	30 - 150 %
% TCMX	57		%	05/04/12		MH	30 - 150 %

Page 31 of 52 Ver 1

Client ID: N-48 (1-2)

Parameter Result RL Units Date Time By Reference

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200. ND=Not detected BDL=Below Detection Level RL=Reporting Level

This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis/Shiller, Laboratory Director

May 10, 2012

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Page 32 of 52 Ver 1



587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 10, 2012

FOR: Attn: Mr. Darrick Jones

Leggette, Brashears & Graham

6 Executive Drive Farmington CT 06030

Sample Information

Matrix: SOLID
Location Code: LBG-PCB
Rush Request: Standard

P.O.#:

Custody Information
Collected by:

Received by: SW

Analyzed by: see "By" below

<u>Date</u>

<u>Time</u> 11:26

05/02/12 11:26 05/02/12 14:55

Laboratory Data

SDG ID: GBB79805 Phoenix ID: BB79821

Project ID: SATIN

Client ID: N-48 (5-6)

Parameter	Result	RL	Units	Date	Time	Ву	Reference
Percent Solid Soxhlet Extraction for PCB	87 Completed		%	05/02/12 05/02/12		JL */*	E160.3 SW3540C
PCB (Soxhlet)							
PCB-1016	ND	0.38	mg/Kg	05/04/12		МН	3540C/8082
PCB-1221	ND	0.38	mg/Kg	05/04/12		MH	3540C/8082
PCB-1232	ND	0.38	mg/Kg	05/04/12		MH	3540C/8082
PCB-1242	ND	0.38	mg/Kg	05/04/12		MH	3540C/8082
PCB-1248	ND	0.38	mg/Kg	05/04/12		MH	3540C/8082
PCB-1254	*	0.38	mg/Kg	05/04/12		MH	3540C/8082
PCB-1260	*	0.38	mg/Kg	05/04/12		MH	3540C/8082
PCB-1262	ND	0.38	mg/Kg	05/04/12		MH	3540C/8082
PCB-1268	ND	0.38	mg/Kg	05/04/12		MH	3540C/8082
Total PCBs	0.92	0.38	mg/Kg	05/04/12		MH	3540C/8082
QA/QC Surrogates							
% DCBP	63		%	05/04/12		MH	30 - 150 %
% TCMX	63		%	05/04/12		MH	30 - 150 %

Page 33 of 52 Ver 1

Client ID: N-48 (5-6)

Parameter Result RL Units Date Time By Reference

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis/Shiller, Laboratory Director

May 10, 2012

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Page 34 of 52 Ver 1

^{*} For PCBs, as per section 11.9.3, when multiple Aroclor's of PCBs are present and the aroclor is no longer recognizable, quantitation may be performed by comparing the total area of the PCB pattern to that of the aroclor it mostly resembles. The PCB pattern did not resemble any of the standards, but most closely resembles a mixture of the Aroclors 1254 and 1260.



587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 10, 2012

FOR: Attn: Mr. Darrick Jones

Leggette, Brashears & Graham

6 Executive Drive Farmington CT 06030

Sample Information

Matrix: **SOLID Location Code:** LBG-PCB Rush Request: Standard

P.O.#:

Custody Information

Collected by: Received by:

Analyzed by: see "By" below

SW

05/02/12

14:55

Time

11:28

Date

05/02/12

Laboratory Data

SDG ID: GBB79805 Phoenix ID: BB79822

SATIN Project ID:

N-48 (6-7) Client ID:

Parameter	Result	RL	Units	Date	Time	Ву	Reference
Percent Solid Soxhlet Extraction for PCB	44 Completed		%	05/02/12 05/02/12		JL */*	E160.3 SW3540C
PCB (Soxhlet)							
PCB-1016	ND	0.73	mg/Kg	05/04/12		МН	3540C/8082
PCB-1221	ND	0.73	mg/Kg	05/04/12		MH	3540C/8082
PCB-1232	ND	0.73	mg/Kg	05/04/12		MH	3540C/8082
PCB-1242	ND	0.73	mg/Kg	05/04/12		MH	3540C/8082
PCB-1248	ND	0.73	mg/Kg	05/04/12		MH	3540C/8082
PCB-1254	ND	0.73	mg/Kg	05/04/12		MH	3540C/8082
PCB-1260	ND	0.73	mg/Kg	05/04/12		MH	3540C/8082
PCB-1262	ND	0.73	mg/Kg	05/04/12		MH	3540C/8082
PCB-1268	ND	0.73	mg/Kg	05/04/12		MH	3540C/8082
QA/QC Surrogates							
% DCBP	79		%	05/04/12		MH	30 - 150 %
% TCMX	88		%	05/04/12		MH	30 - 150 %

Page 35 of 52 Ver 1

Client ID: N-48 (6-7)

Parameter Result RL Units Date Time By Reference

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200. ND=Not detected BDL=Below Detection Level RL=Reporting Level

This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis/Shiller, Laboratory Director

May 10, 2012

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Page 36 of 52 Ver 1



587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 10, 2012

FOR: Attn: Mr. Darrick Jones

Leggette, Brashears & Graham

6 Executive Drive Farmington CT 06030

Sample Information

Matrix: SOLID
Location Code: LBG-PCB
Rush Request: Standard

P.O.#:

Custody Information
Collected by:

Received by: SW

Laboratory Data

Analyzed by: see "By" below

SDG ID: GBB79805

Date

05/02/12

05/02/12

Phoenix ID: BB79823

Time

11:08

14:55

Project ID: SATIN

Client ID: N-49 (0-1)

Parameter	Result	RL	Units	Date	Time	Ву	Reference
Percent Solid Soxhlet Extraction for PCB	94 Completed		%	05/02/12 05/02/12		JL */*	E160.3 SW3540C
PCB (Soxhlet)							
PCB-1016	ND	0.35	mg/Kg	05/04/12		МН	3540C/8082
PCB-1221	ND	0.35	mg/Kg	05/04/12		MH	3540C/8082
PCB-1232	ND	0.35	mg/Kg	05/04/12		MH	3540C/8082
PCB-1242	ND	0.35	mg/Kg	05/04/12		MH	3540C/8082
PCB-1248	ND	0.35	mg/Kg	05/04/12		MH	3540C/8082
PCB-1254	ND	0.35	mg/Kg	05/04/12		MH	3540C/8082
PCB-1260	ND	0.35	mg/Kg	05/04/12		MH	3540C/8082
PCB-1262	ND	0.35	mg/Kg	05/04/12		MH	3540C/8082
PCB-1268	ND	0.35	mg/Kg	05/04/12		MH	3540C/8082
QA/QC Surrogates							
% DCBP	80		%	05/04/12		MH	30 - 150 %
% TCMX	102		%	05/04/12		MH	30 - 150 %

Page 37 of 52 Ver 1

Client ID: N-49 (0-1)

Parameter Result RL Units Date Time By Reference

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200. ND=Not detected BDL=Below Detection Level RL=Reporting Level

This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis/Shiller, Laboratory Director

May 10, 2012

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Page 38 of 52 Ver 1



587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 10, 2012

FOR: Attn: Mr. Darrick Jones

Leggette, Brashears & Graham

6 Executive Drive Farmington CT 06030

<u>Sample Information</u> <u>Custody Information</u> <u>Date</u> <u>Time</u>

Matrix: SOLID Collected by: 05/02/12 11:10 Location Code: LBG-PCB Received by: SW 05/02/12 14:55

Rush Request: Standard Analyzed by: see "By" below

Laboratory Data SDG ID: GBB79805

Phoenix ID: BB79824

Project ID: SATIN

P.O.#:

Client ID: N-49 (1-2)

Parameter	Result	RL	Units	Date	Time	Ву	Reference
Percent Solid	92		%	05/02/12		JL	E160.3
Soxhlet Extraction for PCB	Completed			05/02/12		*/*	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	0.36	mg/Kg	05/04/12		МН	3540C/8082
PCB-1221	ND	0.36	mg/Kg	05/04/12		MH	3540C/8082
PCB-1232	ND	0.36	mg/Kg	05/04/12		MH	3540C/8082
PCB-1242	ND	0.36	mg/Kg	05/04/12		MH	3540C/8082
PCB-1248	ND	0.36	mg/Kg	05/04/12		MH	3540C/8082
PCB-1254	ND	0.36	mg/Kg	05/04/12		MH	3540C/8082
PCB-1260	0.46	0.36	mg/Kg	05/04/12		MH	3540C/8082
PCB-1262	ND	0.36	mg/Kg	05/04/12		MH	3540C/8082
PCB-1268	ND	0.36	mg/Kg	05/04/12		MH	3540C/8082
QA/QC Surrogates							
% DCBP	81		%	05/04/12		MH	30 - 150 %
% TCMX	92		%	05/04/12		MH	30 - 150 %

Page 39 of 52 Ver 1

Client ID: N-49 (1-2)

Parameter Result RL Units Date Time By Reference

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200. ND=Not detected BDL=Below Detection Level RL=Reporting Level

This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis/Shiller, Laboratory Director

May 10, 2012

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Page 40 of 52 Ver 1



587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 10, 2012

FOR: Attn: Mr. Darrick Jones

Leggette, Brashears & Graham

6 Executive Drive Farmington CT 06030

Sample Information

Matrix: SOLID
Location Code: LBG-PCB
Rush Request: Standard

P.O.#:

<u>Custody Information</u>

Collected by:

Received by: SW

SW

<u>Date</u> <u>Time</u> 05/02/12 11:12

05/02/12 14:55

Analyzed by: see "By" below

Laboratory Data

SDG ID: GBB79805

Phoenix ID: BB79825

Project ID: SATIN

Client ID: N-49 (5-6)

Parameter	Result	RL	Units	Date	Time	Ву	Reference
Percent Solid	91		%	05/02/12		JL	E160.3
Soxhlet Extraction for PCB	Completed			05/02/12		*/*	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	0.37	mg/Kg	05/04/12		МН	3540C/8082
PCB-1221	ND	0.37	mg/Kg	05/04/12		MH	3540C/8082
PCB-1232	ND	0.37	mg/Kg	05/04/12		MH	3540C/8082
PCB-1242	ND	0.37	mg/Kg	05/04/12		MH	3540C/8082
PCB-1248	ND	0.37	mg/Kg	05/04/12		MH	3540C/8082
PCB-1254	ND	0.37	mg/Kg	05/04/12		MH	3540C/8082
PCB-1260	ND	0.37	mg/Kg	05/04/12		MH	3540C/8082
PCB-1262	ND	0.37	mg/Kg	05/04/12		MH	3540C/8082
PCB-1268	ND	0.37	mg/Kg	05/04/12		MH	3540C/8082
QA/QC Surrogates							
% DCBP	75		%	05/04/12		MH	30 - 150 %
% TCMX	80		%	05/04/12		MH	30 - 150 %

Page 41 of 52 Ver 1

Client ID: N-49 (5-6)

Parameter Result RL Units Date Time By Reference

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200. ND=Not detected BDL=Below Detection Level RL=Reporting Level

This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis Shiller, Laboratory Director

May 10, 2012

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Page 42 of 52 Ver 1



587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 10, 2012

FOR: Attn: Mr. Darrick Jones

Leggette, Brashears & Graham

6 Executive Drive Farmington CT 06030

Sample Information

Matrix: **SOLID Location Code:** LBG-PCB Rush Request: Standard

P.O.#:

Custody Information

Collected by: Received by:

SW

05/02/12

Date

11:14

05/02/12

14:55

Time

Analyzed by: see "By" below

Laboratory Data

SDG ID: GBB79805 Phoenix ID: BB79826

SATIN Project ID:

Client ID: N-49 (6-6.5)

Parameter	Result	RL	Units	Date	Time	Ву	Reference
Percent Solid	28		%	05/02/12		JL	E160.3
Soxhlet Extraction for PCB	Completed			05/02/12		*/*	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	0.59	mg/Kg	05/04/12		МН	3540C/8082
PCB-1221	ND	0.59	mg/Kg	05/04/12		MH	3540C/8082
PCB-1232	ND	0.59	mg/Kg	05/04/12		MH	3540C/8082
PCB-1242	ND	0.59	mg/Kg	05/04/12		MH	3540C/8082
PCB-1248	ND	0.59	mg/Kg	05/04/12		MH	3540C/8082
PCB-1254	ND	0.59	mg/Kg	05/04/12		MH	3540C/8082
PCB-1260	ND	0.59	mg/Kg	05/04/12		MH	3540C/8082
PCB-1262	ND	0.59	mg/Kg	05/04/12		MH	3540C/8082
PCB-1268	ND	0.59	mg/Kg	05/04/12		MH	3540C/8082
QA/QC Surrogates							
% DCBP	71		%	05/04/12		MH	30 - 150 %
% TCMX	81		%	05/04/12		MH	30 - 150 %

Page 43 of 52 Ver 1

Client ID: N-49 (6-6.5)

Parameter Result RL Units Date Time By Reference

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200. ND=Not detected BDL=Below Detection Level RL=Reporting Level

This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis/Shiller, Laboratory Director

May 10, 2012

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Page 44 of 52 Ver 1



587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 10, 2012

FOR: Attn: Mr. Darrick Jones

Leggette, Brashears & Graham

6 Executive Drive Farmington CT 06030

<u>Sample Information</u> <u>Custody Information</u> <u>Date</u> <u>Time</u>

 Matrix:
 SOLID
 Collected by:
 05/02/12
 10:58

 Location Code:
 LBG-PCB
 Received by:
 SW
 05/02/12
 14:55

Rush Request: Standard Analyzed by: see "By" below

P.O.#: Laboratory Data SDG ID: GBB79805

Phoenix ID: BB79827

Project ID: SATIN

Client ID: N-50 (0-1)

Parameter	Result	RL	Units	Date	Time	Ву	Reference
Percent Solid	93		%	05/02/12		JL	E160.3
Soxhlet Extraction for PCB	Completed			05/02/12		*/*	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	0.36	mg/Kg	05/04/12		МН	3540C/8082
PCB-1221	ND	0.36	mg/Kg	05/04/12		MH	3540C/8082
PCB-1232	ND	0.36	mg/Kg	05/04/12		MH	3540C/8082
PCB-1242	ND	0.36	mg/Kg	05/04/12		MH	3540C/8082
PCB-1248	ND	0.36	mg/Kg	05/04/12		MH	3540C/8082
PCB-1254	ND	0.36	mg/Kg	05/04/12		MH	3540C/8082
PCB-1260	0.53	0.36	mg/Kg	05/04/12		MH	3540C/8082
PCB-1262	ND	0.36	mg/Kg	05/04/12		MH	3540C/8082
PCB-1268	ND	0.36	mg/Kg	05/04/12		MH	3540C/8082
QA/QC Surrogates							
% DCBP	80		%	05/04/12		MH	30 - 150 %
% TCMX	95		%	05/04/12		MH	30 - 150 %

Page 45 of 52 Ver 1

Client ID: N-50 (0-1)

Parameter Result RL Units Date Time By Reference

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200. ND=Not detected BDL=Below Detection Level RL=Reporting Level

This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis/Shiller, Laboratory Director

May 10, 2012

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Page 46 of 52 Ver 1



587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 10, 2012

FOR: Attn: Mr. Darrick Jones

Leggette, Brashears & Graham

Time

6 Executive Drive Farmington CT 06030

<u>Sample Information</u> <u>Custody Information</u> <u>Date</u>

Matrix: SOLID Collected by: 05/02/12 11:00 Location Code: LBG-PCB Received by: SW 05/02/12 14:55

Rush Request: Standard Analyzed by: see "By" below

<u>Laboratory Data</u> SDG ID: GBB79805

Phoenix ID: BB79828

Project ID: SATIN

P.O.#:

Client ID: N-50 (1-2)

Parameter	Result	RL	Units	Date	Time	Ву	Reference
Percent Solid	93		%	05/02/12		JL	E160.3
Soxhlet Extraction for PCB	Completed			05/02/12		*/*	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	0.35	mg/Kg	05/04/12		МН	3540C/8082
PCB-1221	ND	0.35	mg/Kg	05/04/12		MH	3540C/8082
PCB-1232	ND	0.35	mg/Kg	05/04/12		MH	3540C/8082
PCB-1242	ND	0.35	mg/Kg	05/04/12		MH	3540C/8082
PCB-1248	ND	0.35	mg/Kg	05/04/12		MH	3540C/8082
PCB-1254	*	0.35	mg/Kg	05/04/12		MH	3540C/8082
PCB-1260	*	0.35	mg/Kg	05/04/12		MH	3540C/8082
PCB-1262	ND	0.35	mg/Kg	05/04/12		MH	3540C/8082
PCB-1268	ND	0.35	mg/Kg	05/04/12		MH	3540C/8082
Total PCBs	1.4	0.35	mg/Kg	05/04/12		MH	3540C/8082
QA/QC Surrogates							
% DCBP	88		%	05/04/12		MH	30 - 150 %
% TCMX	80		%	05/04/12		MH	30 - 150 %

Page 47 of 52 Ver 1

Client ID: N-50 (1-2)

Parameter Result RL Units Date Time By Reference

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis/Shiller, Laboratory Director

May 10, 2012

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Page 48 of 52 Ver 1

^{*} For PCBs, as per section 11.9.3, when multiple Aroclor's of PCBs are present and the aroclor is no longer recognizable, quantitation may be performed by comparing the total area of the PCB pattern to that of the aroclor it mostly resembles. The PCB pattern did not resemble any of the standards, but most closely resembles a mixture of the Aroclors 1254 and 1260.



587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 10, 2012

FOR: Attn: Mr. Darrick Jones

Leggette, Brashears & Graham

6 Executive Drive Farmington CT 06030

Sample Information

Matrix: **SOLID Location Code:** LBG-PCB Rush Request: Standard

P.O.#:

Custody Information

Collected by: Received by:

Analyzed by:

SW

05/02/12 11:02

Time

05/02/12 14:55

Date

see "By" below Laboratory Data

SDG ID: GBB79805 Phoenix ID: BB79829

SATIN Project ID:

Client ID: N-50 (2-3)

Parameter	Result	RL	Units	Date	Time	Ву	Reference
Percent Solid Soxhlet Extraction for PCB	90 Completed		%	05/02/12 05/02/12		JL */*	E160.3 SW3540C
PCB (Soxhlet)							
PCB-1016	ND	0.36	mg/Kg	05/04/12		МН	3540C/8082
PCB-1221	ND	0.36	mg/Kg	05/04/12		MH	3540C/8082
PCB-1232	ND	0.36	mg/Kg	05/04/12		MH	3540C/8082
PCB-1242	ND	0.36	mg/Kg	05/04/12		MH	3540C/8082
PCB-1248	ND	0.36	mg/Kg	05/04/12		MH	3540C/8082
PCB-1254	ND	0.36	mg/Kg	05/04/12		MH	3540C/8082
PCB-1260	ND	0.36	mg/Kg	05/04/12		MH	3540C/8082
PCB-1262	ND	0.36	mg/Kg	05/04/12		MH	3540C/8082
PCB-1268	ND	0.36	mg/Kg	05/04/12		MH	3540C/8082
QA/QC Surrogates							
% DCBP	82		%	05/04/12		MH	30 - 150 %
% TCMX	83		%	05/04/12		MH	30 - 150 %

Page 49 of 52 Ver 1

Client ID: N-50 (2-3)

Parameter Result RL Units Date Time By Reference

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200. ND=Not detected BDL=Below Detection Level RL=Reporting Level

This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis/Shiller, Laboratory Director

May 10, 2012

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Page 50 of 52 Ver 1



587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 10, 2012

FOR: Attn: Mr. Darrick Jones

Leggette, Brashears & Graham

6 Executive Drive Farmington CT 06030

Sample Information

Matrix: SOLID
Location Code: LBG-PCB
Rush Request: Standard

P.O.#:

<u>Custody Information</u>

Collected by:
Received by: SW

Analyzed by: see "By" below

Laboratory Data

SDG ID: GBB79805

Time

11:04

14:55

Phoenix ID: BB79830

Date

05/02/12

05/02/12

Project ID: SATIN

Client ID: N-50 (5-5.8)

Parameter	Result	RL	Units	Date	Time	Ву	Reference
Percent Solid	82		%	05/02/12		JL	E160.3
Soxhlet Extraction for PCB	Completed			05/02/12		*/*	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	0.4	mg/Kg	05/04/12		МН	3540C/8082
PCB-1221	ND	0.4	mg/Kg	05/04/12		MH	3540C/8082
PCB-1232	ND	0.4	mg/Kg	05/04/12		MH	3540C/8082
PCB-1242	ND	0.4	mg/Kg	05/04/12		MH	3540C/8082
PCB-1248	ND	0.4	mg/Kg	05/04/12		MH	3540C/8082
PCB-1254	ND	0.4	mg/Kg	05/04/12		MH	3540C/8082
PCB-1260	ND	0.4	mg/Kg	05/04/12		MH	3540C/8082
PCB-1262	ND	0.4	mg/Kg	05/04/12		MH	3540C/8082
PCB-1268	ND	0.4	mg/Kg	05/04/12		MH	3540C/8082
QA/QC Surrogates							
% DCBP	64		%	05/04/12		MH	30 - 150 %
% TCMX	70		%	05/04/12		MH	30 - 150 %

Page 51 of 52 Ver 1

Client ID: N-50 (5-5.8)

Parameter Result RL Units Date Time By Reference

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200. ND=Not detected BDL=Below Detection Level RL=Reporting Level

This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis Shiller, Laboratory Director

May 10, 2012

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Page 52 of 52 Ver 1



587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045 Tel. (860) 645-1102 Fax (860) 645-0823

QA/QC Report

May 10, 2012

QA/QC Data

SDG I.D.: GBB79805

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 199823, QC 5	Sample No: BB79819 (BB798	305, BB79806, BB7	9807, B	B79808	, BB79	809, BE	379810,	BB79811	Ι,
BB79812, BB79813, BB798	314, BB79815, BB79816, BB	79817, BB79818, BI	B79819	, BB798	20)				
Polychlorinated Biphe	enyls - Solid								
PCB-1016	ND	100	89	11.6				40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	92	83	10.3				40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	90	81	75	7.7				30 - 150	30
% TCMX (Surrogate Rec)	95	87	80	8.4				30 - 150	30
Comment:									
* The batch MS and MSD reco within QA/QC limits.	overies could not be calculated du	ue to the presence of F	PCB in the	e unspike	ed samp	ole. LCS/	/LCSD re	coveries w	vere
QA/QC Batch 199824, QC 5 BB79828, BB79829, BB798	Sample No: BB79821 (BB798 330)	321, BB79822, BB7	9823, B	B79824	, BB79	9825, BE	379826,	BB79827	7,
Polychlorinated Biphe	enyls - Solid								
PCB-1016	ND	97	97	0.0				40 - 140	30
PCB-1221	ND							40 - 140	30
5.05 4.00									

PCB-1016	ND	97	97	0.0	4	40 - 140	30
PCB-1221	ND				4	40 - 140	30
PCB-1232	ND				4	40 - 140	30
PCB-1242	ND				4	40 - 140	30
PCB-1248	ND				4	40 - 140	30
PCB-1254	ND				4	40 - 140	30
PCB-1260	ND	97	97	0.0	4	40 - 140	30
PCB-1262	ND				4	40 - 140	30
PCB-1268	ND				4	40 - 140	30
% DCBP (Surrogate Rec)	38.5	84	84	0.0	;	30 - 150	30
% TCMX (Surrogate Rec)	38.0	82	82	0.0	;	30 - 150	30

^{*} The batch MS and MSD recoveries could not be calculated due to the presence of PCB in the unspiked sample. LCS/LCSD recoveries were within QA/QC limits.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference

LCS - Laboratory Control Sample

LCSD - Laboratory Control Sample Duplicate

MS - Matrix Spike

MS Dup - Matrix Spike Duplicate

NC - No Criteria

Intf - Interference

Phyllis/Shiller, Laboratory Director

May 10, 2012

QA/QC Data

SDG I.D.: GBB79805

Thursday, May 10, 2012

Page 1 of 1

Sample Criteria Exceedences Report

Peguested Criteria:	CAM	PC	D\/
Requested Criteria:	GAIVI,	ĸυ,	ΚV

		,,				GBB/9805					Factored	
SampNo	LocCode	Acode	Phoenix Analyte	Criteria Units	ST	State Category	Criteria Name	Result	RL	Factored Criteria	RL Criteria	Analysis Units
BB79813	LBG-PCB	\$PCB_SOXR	PCB-1260	mg/kg	СТ	Pesticides, Pcb's, Tph, A	RES DEC (mg/kg)	3200	360	1000	1000	ug/Kg
BB79819	LBG-PCB	\$PCB_SOXR	PCB-1016	mg/kg	СТ	Pesticides, Pcb's, Tph, A	RES DEC (mg/kg)	ND	18000	1000	1000	ug/Kg
BB79819	LBG-PCB	\$PCB_SOXR	PCB-1221	mg/kg	CT	Pesticides, Pcb's, Tph, A	RES DEC (mg/kg)	ND	18000	1000	1000	ug/Kg
BB79819	LBG-PCB	\$PCB_SOXR	PCB-1232	mg/kg	CT	Pesticides, Pcb's, Tph, A	RES DEC (mg/kg)	ND	18000	1000	1000	ug/Kg
BB79819	LBG-PCB	\$PCB_SOXR	PCB-1242	mg/kg	СТ	Pesticides, Pcb's, Tph, A	RES DEC (mg/kg)	ND	18000	1000	1000	ug/Kg
BB79819	LBG-PCB	\$PCB_SOXR	PCB-1248	mg/kg	СТ	Pesticides, Pcb's, Tph, A	RES DEC (mg/kg)	ND	18000	1000	1000	ug/Kg
BB79819	LBG-PCB	\$PCB_SOXR	PCB-1254	mg/kg	СТ	Pesticides, Pcb's, Tph, A	RES DEC (mg/kg)	100000	18000	1000	1000	ug/Kg
BB79819	LBG-PCB	\$PCB_SOXR	PCB-1260	mg/kg	СТ	Pesticides, Pcb's, Tph, A	RES DEC (mg/kg)	ND	18000	1000	1000	ug/Kg
BB79819	LBG-PCB	\$PCB_SOXR	PCB-1262	mg/kg	СТ	Pesticides, Pcb's, Tph, A	RES DEC (mg/kg)	ND	18000	1000	1000	ug/Kg
BB79819	LBG-PCB	\$PCB_SOXR	PCB-1268	mg/kg	СТ	Pesticides, Pcb's, Tph, A	RES DEC (mg/kg)	ND	18000	1000	1000	ug/Kg
BB79828	LBG-PCB	\$PCB_SOXR	Total PCBs	mg/kg	СТ	Pesticides, Pcb's, Tph, A	RES DEC (mg/kg)	1400	350	1000	1000	ug/Kg

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

Reasonable Confidence Protocol Laboratory Analysis QA/QC Certification Form

Laboratory Name: Phoenix Environmental Labs, Inc. Client: LBG-PCB Project Location: SATIN **Project Number:** Laboratory Sample ID(s): BB79805, BB79806, BB79807, BB79808, BB79809, BB79810, BB79811, BB79812, BB79813, BB79814, BB79815, BB79816, BB79817, BB79818, BB79819, BB79820, BB79821, BB79822, BB79823, BB79824, BB79825, BB79826, BB79827, BB79828, BB79829, BB79830 **Sampling Date(s):** 5/2/2012 **RCP Methods Used:** ☐ 1311/1312
☐ 6010 7000 7196 7470/7471 8081 ☐ EPH TO15 **✓** 8082 8270 9010/9012 □ VPH 8151 8260 ETPH For each analytical method referenced in this laboratory report package, were all ✓ Yes □ No specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP methodspecific Reasonable Confidence Protocol documents? Were the method specified preservation and holding time requirements met? ✓ Yes □ No EPH and VPH methods only: Was the VPH or EPH method conducted without 1b. ☐ Yes ☐ No **✓** NA significant modifications (see section 11.3 of respective RCP methods) 2. Were all samples received by the laboratory in a condition consistent with that ✓ Yes No. described on the associated Chain-of-Custody document(s)? Were samples received at an appropriate temperature (< 6 Degrees C)? 3. ✓ Yes □ No □ NA Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol 4. ✓ Yes □ No documents achieved? Were reporting limits specified or referenced on the chain-of-custody? 5a. ✓ Yes No. Were these reporting limits met? 5b. ✓ Yes □ No □ NA For each analytical method referenced in this laboratory report package, were results 6. ✓ Yes □ No □ NA reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents? Are project-specific matrix spikes and laboratory duplicates included in the data set? 7. ☐ Yes **☑** No □ NA Note: For all questions to which the response was "No" (with the exception of question #5a, #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A or 1B is "No", the data package does not meet the requirements for "Reasonable Confidence". I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowlegde and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. Date: Thursday, May 10, 2012 Authorized Printed Name: Greg Lawrence Signature: Position: Assistant Lab Director



587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045 Tel. (860) 645-1102 Fax (860) 645-0823



RCP Certification Report

May 10, 2012

SDG I.D.: GBB79805

PCB Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

Instrument: Au-ecd1 05/04/12-1 (BB79808, BB79810, BB79811, BB79812, BB79813, BB79814,

BB79815, BB79816, BB79818, BB79820, BB79821, BB79822, BB79823, BB79824,

BB79825, BB79827, BB79828, BB79829, BB79830)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Michael Hahn Position: Chemist Date: 5/4/2012

Instrument: Au-ecd35 05/07/12-1 (BB79819)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Michael Hahn Position: Chemist Date: 5/7/2012

Instrument: Au-ecd6 05/06/12-1 (BB79805, BB79806, BB79807)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Michael Hahn Position: Chemist Date: 5/6/2012

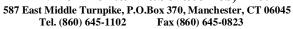
QC Batch 99823 05/03/12 (BB79805, BB79806, BB79807, BB79808, BB79809,

BB79810, BB79811, BB79812, BB79813, BB79814, BB79815, BB79816, BB79817,

BB79818, BB79819, BB79820)

The batch MS and MSD recoveries could not be calculated due to the presence of PCB in the unspiked sample. LCS/LCSD recoveries were within QA/QC limits.







RCP Certification Report

May 10, 2012

SDG I.D.: GBB79805

QC Comments:	QC Batch 99824 05/03/12 (BB79821, BB79822, BB79823, BB79824, BB79825,
	BB79826, BB79827, BB79828, BB79829, BB79830)
The batch MS and MQA/QC limits.	MSD recoveries could not be calculated due to the presence of PCB in the unspiked sample. LCS/LCSD recoveries were within
QC (Site Specific)	
Sample No: B	B79819, QA/QC Batch: 199823

All LCS recoveries were within 40 - $140\ \mbox{with the following exceptions:}$ None.

All LCSD recoveries were within 40 - 140 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

----- Sample No: BB79821, QA/QC Batch: 199824 -----

All LCS recoveries were within 40 - 140 with the following exceptions: None.

All LCSD recoveries were within 40 - 140 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

A matrix effect is suspected when a MS/MSD recovery is outside of criteria. No further action is required if LCS/LCSD compounds are within criteria.

					CHA	N OF C	CHAIN OF CUSTODY RECORD	ORD) dwa	10 Pg S of 9
Fuvironment	FINITY FILE Environmental Laboratories, Inc.	Inc.		587	East Midd Email: serv	East Middle Turnpike, P.O. Box 3 Email: service@phoenixlabs.com Client Services (86	70,	Manchester, CT 06040 Fax (860) 645-0823 645-8726	Data Delivery Fax #:	At DENKE DENKE DENKEY CHARLES OF CONTRACT CONTRA
Customer: L&G	LBG, Inc				Project	Sa	Satio		Project P.O.	
					Report to:	, G	Darrick Jones		Phone #:	
					Invoice to:		1		Fax #:	
Client	Client Sample - Information - Identification	ntification								
Sampler's Signature Muleuna Jingen	aria Shigan		Date 5 2	12	Analys Reque	si st			Josephoro Contraction of the Con	HOOO I I OH
Matrix Code: DW=drinking water GW=groundwater	WW=wastewater S=soil/so SL=sludge A=air	S=soil/solid O=other A=air			,	\$3 \$319.3°			TO SO TO TO THE SOUTH OF THE SO	HOS THOS
Phoenix Sample #	Customer Sample Identification	Sample I	Date Time Sampled Sampled		283				\$ 100 100 100 100 100 100 100 100 100 10	100 0 0 100 0 0 0 0 0 0 0 0 0 0 0 0 0 0
	N-53 (6-7)	-	5-2.12 1020	_	×					
79806	N-53 (7.8)	7	7		X					
				 	+					
										
Dolinguiched hy	hv	Accounted by		= 2		Tige.	Turnaround	CT/81	MA	Data Format
1/20/2 - Sur	and Che	77		म	2/2	7527	1 Day*	RCP Cert.	MCP Cert.	Excel
	, losar	adise		12/2	E1/1	1455		GB Mobility	GW-2	GIS/Key
Pod leisons	Comments Cooriel Barnicaments or Barnistions						Standard Other	SW Protect.		Other
Li Ai N Standard	dieniens of Negaratorio.		i				* SURCHARGE		S-3 MWRA eSMART	Data Package
	remaining sample to	といれなり					APPLIES	Other	Other	NJ Reduced Deliv. *

ASP-A
IN Reduced Deliv. *
IN Hazsite EDD
Phoenix Std Report
Other

5

State where samples were collected:_

possible foline analyses

* label says N-53 (6-6) (CP)

PHOENIX

CHAIN		CHAIN OF CUSTODY RECORD	Temp (Pg 6 of 2
587 East Middle î	Turnpike, P.O	587 East Middle Turnpike, P.O. Box 370. Manchester. CT 06040	Data Delivery:
Email: info@ Clien	∄phoenixlabs. nt Services	Email: info@phoenixlabs.com Fax (860) 645-0823 Client Services (860) 645-8726	X Email: DJONES DLB6CT COM
	Project:	Satio	Project P.O:
œ	Report to:	Darnick Jones	Phone #:
-15	Invoice to:	Nachrick Alson	± >c⊓

Environmental Laboratories, Inc.	Client Services (860) 645-8726		X Email: DJONES DLB6CT COIT	1,00,1298
Customer: LB6, Inc	Project: Sath	h۸	Project P.O:	
Address:		Darnick Jones	Phone #:	
	Invoice to:	DAMICK JOYES	Fax #:	
Client Sample - Information - Identification	L,			
Signature Welcom Slagged Date: 5-2-12	Analysis Request			WOOO!
Matrix Code: DW=Drinking Water GW=Ground Water SW=Surface Water WW=Waste Water SE=Sediment SL=Sudge S=Soil/Solid W=Wipe O=Other	13/3 ×3/3		00 14 00 1	Adog Adog S
PHOENIX USE ONLY Customer Sample Sample Time SAMPLE # Identification Matrix Sampled Sampled Sampled	1 1 25 80 d		1 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 2 2 2	TO SECULIA
) 5 6-2-12 154	X			-
79868 N.31 (1-2) 956	×			
79809 N-31 (2-3) 958	×			
79810 N.31 (5-6) 1000	×			
79811 N-31 (6-7) 1002	×			
79812 N.31 (7.8)	×			
79813 N-32 (0.3-1) 928	×			
79814 N-32 (1-2) 930	×			
79815 N-32 (2-3) 932	×			
79816 N-32 (3-3.5) 934	×			
79817 N-32 (5-6)	×			
79818 N-32 (6-7) V 938	X			
Relinquished by:	Date: Time:	R Direct Exposure	MA D MCP Certification	Data Format
Of Garagice	4113	(Residential) GW Protection	GW-1	PDF GIS/Key
	,	_ <u> </u>	@w-3	EQuIS The
Secial Requirements or Regulations:	<u>[urnaround:</u> 1 Day*	GB Mobility KResidential DEC	S-5 2-5 2-5	Data Package
		I I'C DEC	S-3	Full Data Package*
future analyses	X Standard		Other	_ Other
,	Other * SURCHARGE APPLIES	State where samples were collected:	5	* SURCHARGE APPLIES

	CHAIN OF CUSTODY RECORD	J dwa T	Pg & of 9
Environmental Laboratories, Inc.	587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040 Email: service@phoenixlabs.com Fax (860) 645-0823 Client Services (860) 645-8726	Data Delivery: Fax #. Email: D5 3NES	SLBGCT-GA
Customer: LBG, Inc. Proje	1 1	Project P.O:	
Address: Repo	Report to: Darrack Janes	Phone #:	
ionul	Invoice to:	Fax #:	
Client Sample - Information - Identification			
Sampler's Signature William Juzzewl Date 5/2/12 Requ	lysis iven	J. S.	Model Schil
Matrix Code: DW=drinking water WW=wastewater S=soil/solid O=other GW=groundwater SL=sludge A=air	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	100 1 1 100 0 1 1 100 0 1 1 100 0 1 1 100 0 1 1 100 0	HOS HOSE
Phoenix Customer Sample Sample Date Time Sample#		100 (1) 100 (100 (100 (100 (100 (100 (10	TOO ELECTION TO
N.48 (0.3-1) S 5-2-12 1122			
N-48 (1-2)			
79821 N-48 (s-6) X			
79822 N-48 (6-7) (F-9)			
79823 N-49 (6-1)			
79824 Nyy (1-2)			
79825 N-49 (5-6) 1112 X			
79826 N.47 (6-65) 1114 X			
79827 N-50 (0-1) 1058 X		-	
79828 N-50 (1-2) 1100 X			
79829 N-50 (2-3) 1102 X			
79830 (N-50 (S-5.8) V V 1104 X			
Relinquished by: Accepted by: Date:	me: Turnaround: C	MA	nat
mely Sind the Ille 5/2/12	1 Day*	RCP Cert. MCP Cert. K Excel	
Spanning Spalia	1455 2 3 Days* X	Com-2	(ey
	<u>p</u>		<u></u>
Comments, Special Requirements or Regulations:	Ouner	S-2	cade
Please hold remaining soumple	* SURCHARGE K R APPLIES O	eria MWRA eSMART	ASP-A NJ Beduced Deliv. *
For pussible addit analyses]) in the second	NJ Hazsite EDD Phoenix Std Report
-1) 8t-1	State where samples were collected:	<u> </u>	
一人 (名を)から いっし			